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September 1, 2005

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WRITER'S DIRECT NUMBER:

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Art Unit 3623

Mail Stop: Amendment

Re:

U.S. Utility Patent Application

Application No. 09/547,791; Filed: April 12, 2000

System, Method, and Computer Program Product for Weather and

Terrestrial Vegetation-Based Water Renovation and Management

Forecasting

Inventors:

Beck et al.

Our Ref:

1481.0170000/PEG/TAD

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Credit Card Payment Form (PTO-2038) in the amount of \$180.00 to cover Information Disclosure fees under 37 C.F.R. § 1.17;
- 2. Third Supplemental Information Disclosure Statement;
- 3. Forms PTO-1449 (9 pages) with 51 accompanying documents;
- 4. Copies of cited documents AJ1-AR1, AJ2, AK2, AN2-AR2, AN3-AR3, AN4-AR4, AN5-AR5, AN6-AR6, AN7-AR7, AN8-AR8 and AN9-AR9; and
- 5. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540; www.skqf.com

Commissioner for Patents September 1, 2005 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Timothy A. Doyle
Attorney for Applicants
Registration No. 51,262

TAD/slw Enclosures

432153_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Beck et al.

Appl. No. 09/547,791

Filed: April 12, 2000

For: System, Method, and Computer Program Product for Weather and

Program Product for Weather an Terrestrial Vegetation-Based

Water Renovation and Management Forecasting

Confirmation No. 5403

Art Unit: 3623

Examiner: Meinecke Diaz, Susanna M.

Atty. Docket: 1481.0170000/PEG/TAD

Third Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicant has listed publication dates on the attached Form PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

09/06/2005 HALI11 01 FC:1806 00000035 09547791

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Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this
 Information Disclosure Statement was cited in a communication from a foreign
 patent office in a counterpart application and this communication was not
 received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty
 days prior to the filing of this information disclosure statement.
- ☐ 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.



- - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

4.	Filing under 3	7 C.F.R. § 1.97(d) This Information Disclosure Statement is being
	filed more that	n three months after the U.S. filing date and after the mailing date
	of a Final Reje	ection or Notice of Allowance, but before payment of the Issue Fee.
	Enclosed find	our PTO-2038 Credit Card Payment Form in the amount of
	\$ in	n payment of the fee under 37 C.F.R. § 1.17(p); in addition:
	☐ a.	Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each
		item of information contained in this Information Disclosure
		Statement was first cited in any communication from a foreign
		patent office in a counterpart foreign application not more than
		three months prior to the filing of this Information Disclosure
		Statement. 37 C.F.R. § 1.97(e)(1).
	☐ b.	Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item
		of information in this Information Disclosure Statement was cited
		in a communication from a foreign patent office in a counterpart
		foreign application and, to my knowledge after making reasonable
		inquiry, was known to any individual designated in 37 C.F.R. §
		1.56(c) more than three months prior to the filing of this
		Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
<u></u>	The documen	at(s) was/were cited in a search report by a foreign patent office in a
	counterpart for	oreign application. Submission of an English language version of

the search report that indicates the degree of relevance found by the foreign office

is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.

A concise explanation of the relevance of the non-English language document(s) appears below in accordance with 37 C.F.R.
§ 1.98(a)(3):

Document AJ1 (FR 2 751 774) appears to describe a method for evaluating Degrees of Euphoria, which are based on air temperature and relative humidity, combined with wind speed and direction and possibly atmospheric pressure. An English-language abstract of document AJ1 is enclosed as document AR7.

Document AK1 (JP 9-128411) appears to describe an information processor convenient for ordinary life by displaying weather information at the prescribed place of correspondent data and time in a displayed calendar based on a signal from a weather predicting means. An English-language abstract of document AK1 is enclosed as document AN8.

Document AL1 (JP 10-096790) appears to describe a weather condition observing device to precisely forecast a local future weather condition from present weather condition information. An English-language abstract of document AL1 is enclosed as document AO8.

Document AM1 (JP 10-332840) appears to describe definite-form image data such as a map containing an object region of meteorological information to provide a user with a method and equipment for providing the latest

meteorological information. An English-language abstract of document AM1 is enclosed as document AP8.

Document AJ2 (JP 11-258359) appears to describe a displayed weather images to support weather prediction by searching for an image similar to a current state out of past weather images. An English-language abstract of document AJ2 is enclosed as document AQ8.

∑ 7. Copies of documents AJ1-AR1, AJ2, AK2, AN2-AR2, AN3-AR3, AN4-AR4, AN5-AR5, AN6-AR6, AN7-AR7, AN8-AR8 and AN9-AR9 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited on the attached IDS Forms are submitted.

8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No.______, filed ______, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

9. It is expected that the examiner will review the prosecution and cited art in the parent application no(s). in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Timothy A. Doyle
Attorney for Applicants
Registration No. 51,262

Date: \ SEP OS

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

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FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Page 1 of 9

ATTY. DOCKET NO.
1481.0170000

FIRST NAMED INVENTOR
Beck

FILING DATE

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. IN ONWINE BISSESSIL STATEMENT						_ r	FILING DATE April 12, 2000			ART UNIT 2163		
						J.S. PATE	NT	DOCUMENTS		<u> </u>		
EXAMINER NITIAL			200	CUMENT NUMBER	Τ	ATE	T	AME		CLASS	SUB-CLASS	FILING DATE
MITAL	AA1			,040,629		08/1977		Kelly		<u>JLAGO</u>	GOD-CLAGO	TILING DATE
	AB1 4,		4,5	80,814	0	04/1986 B		Berler				
	AC1 4,6		4,6	642,775		02/1987		Cline et al.				
	AD1 5,263,		63,167	11/1993		Conner, Jr. et al.						
	AE1 5,3		 5,377,095		12/1994		Maeda et al.					
			5,444,820		08/1995		Tz	zes <i>et al.</i>				
	AG1		5,504,675		0			ragun <i>et al</i> .				
	AH1		5,654,886		08/1997		Zereski, Jr. et al.					
	Al1		5,673,366		0	09/1997 M		aynard et al.				
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	AK1		9-1:	-128411		05/1997		JP				
	AL1 10		10-)-096790		04/1998		JP				
	AM1 10-332840			12/1998		JP						
	<u> </u>			OTHER (Includ	lin	g Author,	Titl	e, Date, Pertinent Pa	ges, e	etc.)	1	
	AN	1		Banham, R., "Reinsurers Se 19, XP002082269, p. 14, col					diction	ıs", Au	gust 1993, p	p. 14-16, 18-
	АО	1		Chen, P.C., "Supercomputer-Based Visualization Systems Used for Analyzing Output Data of a Numerical Weather Prediction Model," ACM, pp. 296-309 (1990).								
	AP	1		Gagne, James, `Fair-weather trends`, May 1997, American Demographics, pp. 1-5.							1-5.	
	AQ	1		Gotschall, Mary p. 30, 8 pgs (Se			on weather," <i>Electric Perspectives</i> , Washington, Vol. 23, No. 5, ober 1998).					
	AR	1		http://www.bysb.	.cc	m/sponsor	s/w	veathr.htm.				
XAMINER		1							104	TE CO	NSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-144PS
THIRD SUPPLEMENT
INFORMATION DISCLOSURE

Page 2 of 9

ATTY. DOCKET NO. APPLICATION NO. 09/547,791

FIRST NAMED INVENTOR

Beck

FILING DATE ART UNIT 2163

DATE CONSIDERED

April 12, 2000 2163 **U.S. PATENT DOCUMENTS** EXAMINER SUB-CLASS FILING DATE NAME CLASS DOCUMENT NUMBER DATE INITIAL AA2 5,692,233 11/1997 Garman 04/1998 Reilly et al. AB2 5,740,549 08/1998 Ochiai et al. AC2 5,796,611 Fox et al. 5,832,456 11/1998 AD2 Shelton et al. 12/1998 AE2 5.848,378 Daughtery, III 03/1999 AF2 5,884,286 06/1999 Byford et al. AG2 5,909,671 AH2 5,978,738 11/1999 **Brown** Slotznick 11/1999 AI2 5,983,200 FOREIGN PATENT DOCUMENTS EXAMINER **TRANSLATION** DATE COUNTRY **CLASS** SUB-CLASS DOCUMENT NUMBER INITIAL JP 09/1999 AJ2 11-258359 05/1998 PCT WO 98/22899 AK2 AL2 AM2 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Hunter, R., "Forecast for Weather Derivatives: Hot Derivatives Strategy," May 1999, pp. 1-6, XP002133864, as printed from http://derivatives.com/magazine/arrive/1998/0598feal.asp> p. AN 2 1. line 1--p. 6, line 9. "Japan-US Business Report, American Companies in Japan," *Software and Information Services*, vol. 1997, no. 335, August 31, 1997. AO 2 Karmin, Monroe W., "Inflation, Jobs and Interest Rates: Dangerous Territory," U.S. News & World Report, vol. 108, no. 19., p. 50, May 14, 1990. AP 2 Lucchetti, A., "Cold Winter On the Way? Some bet on it," Wall Street Journal, November 6, 2 AQ 1997. Malliaris, M., "Beating the Best: A Neutral Network Challenges the Black-Scholes Formula." Proceedings of the Conference on Artificial Intelligence for Applications, US, Los Alamitos, IEEE Comp. Soc. Press, 1993, pp. 445-449, XP000379639, ISBN; 0-8186-3840-0, p. 445, col., 1, line 16, p. 446, col. 1, line 17. AR 2

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

SEP 0 1 2005 Page 3 of 9 A TRADEMAR TTY. DOCKET NO. APPLICATION NO. 481.0170000 09/547,791 **FORM PTO-1449** FIRST NAMED INVENTOR THIRD SUPPLEMENTAL **Beck** INFORMATION DISCLOSURE STATEMENT **ART UNIT FILING DATE** 2163 April 12, 2000 **U.S. PATENT DOCUMENTS EXAMINER** FILING DATE DOCUMENT NUMBER NAME CLASS SUB-CLASS DATE INITIAL Simpson et al. AA3 5,999,882 12/1999 01/11/2000 Dueck et al. AB3 6.012.834 02/2000 Takriti AC3 6,021,402 Makivic 05/2000 AD3 6,061,662 11/2000 Kurtzman et al. AE3 6,144,944 01/2001 Kant et al. AF3 6,173,276 6,188,960 B1 02/2001 Baron et al. AG3 05/2001 **Foust** AH3 6,240,369 B1 07/2001 Daughtery, III AI3 6,263,321 B1 FOREIGN PATENT DOCUMENTS **EXAMINER TRANSLATION** DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS INITIAL AJ3 AK3 AL3 AM3 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) "Microsoft Expedia Travel Services Debuts on the Web," PR Newswire, October 22, 1996. AN 3 Ojala, Marydee, "The dollar sign: Weather databases online, " Database, vol. 18, no. 1, pp. AO <u>3</u> 72-76, February/March 1995. "Origins of Option Pricing Techniques", "The Black and Scholes Model", "The Black and Scholes Model" and "Graphs of the Black Scholes Model", as printed from AP 3 http://bradley.bradley.edu/.about.arr/bsm, Apr. 9, 1997, (8 pages). Pizano, A. et al., "Automatic Generation of Graphical User Interfaces for Interactive Database Applications," Proceedings of the 1993 International Conference on Information and AQ 3 Knowledge Management, Association for Computing Machinery, pp. 344-355 (November 1993), XP009035258. Rao, S.R.; Thomas, Edward G; Javalgi, Rajshekhar G., 'Activity Preferences and Trip-Planning Behavior of the U.S. Outbound Pleasure Travel Market', Winter, 1992, Journal of AR <u>3</u> Travel Research, pp 1-12.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

DATE CONSIDERED

FORM PTO-1449

THIRD SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT

		Page 4 of 9
	ATTY, DOCKET NO.	APPLICATION NO.
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	Beck	
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	April 12, 2000	2163

EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AA4	6,2	298,307 B1	10/2001	Murphy et al.					
	AB4	AB4 6,317,686 B1		11/2001	Ran					
	AC4	6,339,747 B1		01/2002	Daly et al.					
	AD4	6,356,842 B1		03/2002	Intriligator et al.					
	AE4	6,4	105,179 B1	06/2002	Rebane					
	AG4 6,4		118,417 B1	07/2002	Corby et al.					
			196,780 B1	12/2002	Harris et al.					
			198,987 B1	12/2002	Kelly et al.		-			
	Al4	6,5	535,817 B1	03/2003	Krishnamurti		-			
			•	OREIGN PA	ATENT DOCUMENTS					
EXAMINER INITIAL		DC	CUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AJ4									
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			OTHER (Include	ding Author	r, Title, Date, Pertinent P	ages, etc.)	· · · · · · · · · · · · · · · · · · ·			
	AN	4	Riordan, D. and Engineering Inte (September 200	Hansen, B.K., "A fuzzy case-based system for weather prediction," elligent Systems, Vol. 10, No. 3, CRL Publishing Ltd., pp. 139-146 2).						
	AO	4	Schwartz, S., "Modeling tools aid in financial risk management," <i>Insurance & Technology</i> , Vol. 21, No. 4, pp. 20-21 (April 1996).							
	AP	4	"Skyline Multimedia Entertainment, Inc. Announces Co-Marketing Pact With Internet's InfoSpace.com; Deal Marks Theme Entertainment Company's Expansion Into Tour Industry Services," Business Wire, September 4, 1998.							
	AQ	4	Stix, G., "A Calculus of Risk," <i>Scientific American</i> , pp. 92-97 (May 1998).							
	AR	4	Studwell, A., "Weather Derivatives," 11 th Conference on Applied Climatology, January 10-15, 1999, pp. 36-40, XP00089822, p. 36, col. 1, line 1-p. 40, col. 1, line 33.							
EXAMINER		<u> </u>				DATE CO	NSIDERED	<u> </u>		

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Page 5 of 9 ATTY. DOCKET NO. APPLICATION NO. 1481.0170000 09/547,791 FORM PTO-1449 SEP 0 1 2005
THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FIRST NAMED INVENTOR **Beck** ART UNIT FILING DATE April 12, 2000 2163 **U.S. PATENT DOCUMENTS** EXAMINER SUB-CLASS | FILING DATE DOCUMENT NUMBER DATE NAME CLASS INITIAL 06/2003 Intriligator et al. AA5 6,581,008 B2 AB5 6,584,447 B1 06/2003 Fox et al. AC5 2002/0026284 A1 02/2002 Brown 2002/0032644 A1 03/2002 Corby et al. AD5 07/2002 Yoshida et al. AE5 2002/0091692 A1 08/2002 Intriligator et al. AF5 2002/0107638 A1 09/2002 Ryan et al. AG5 2002/0130899 A1 2002/0133385 A1 09/2002 Fox et al. AH5 12/2002 Lof et al. AI5 2002/0194113 A1 **FOREIGN PATENT DOCUMENTS EXAMINER** TRANSLATION COUNTRY CLASS SUB-CLASS INITIAL DOCUMENT NUMBER DATE AJ5 AK5 AL5 AM5 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Turvey, Calum G., "Weather Derivatives and Specific Event Risk," Proceedings of the 1999 American Agricultural Economics Association Annual Meeting, American Agricultural ΑN 5 Economics Association (August 1999). Turvey, Calum, "Weather Derivatives for Specific Event Risks in Agriculture," Review of Agricultural Economics, American Agricultural Economics Association, Vol. 23, No. 2, pp. AO <u>5</u> 333-51 (Spring/Summer 2001). Upbin, B., "Betting against God," Forbes, Vol. 162, No. 1, p. 108(1) (July 6, 1998). ΑP 5 `Urilicorp's Aquila energy to Greatly Expand it's Weather Hedging Products`, Nov. 20, 1997,

EXAMINER DATE CONSIDERED

Businesses," PR Newswire, November 11, 1997.

McGraw-Hill Publications, vol. 17, No. 1, p. 4.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

"WeatherPlanner Introduces Weather Forecasting Service for Consumers and Small

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Page 6 of 9

ATTY. DOCKET NO. APPLICATION NO. 09/547,791

FIRST NAMED INVENTOR

Beck

FILING DATE ART UNIT

DATE CONSIDERED

April 12, 2000 2163 **U.S. PATENT DOCUMENTS EXAMINER** INITIAL DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS FILING DATE 01/2003 AA6 2003/0004780 A1 Smith et al. 2003/0200027 A1 10/2003 Root et al. AB6 AC₆ 2004/0215394 10/2004 Carpenter et al. 11/2004 Willen et al. AD6 2004/0225556 11/2004 AE6 2004/0230519 Parker AF6 AG6 AH6 Al6 **FOREIGN PATENT DOCUMENTS EXAMINER** INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS **TRANSLATION** AJ6 AK6 AL6 AM6 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) "WeatherPlanner Introduces Weather Forecasting Service for Skiers; Revolutionary Planning Tool Provides Forecasts up to 12 Months in Advance," PR Newswire, December 12, 1997. AN 6 "WeatherPlanner Introduces Weather Forecasting Service for Vacationers; Revolutionary Planning Tool Provides Forecasts up to 12 Months in Advance," PR Newswire, March 19, AO <u>6</u> 1998. "WeatherPlanner Introduces Weather Forecasting Service to Aid Brides in Planning Weddings and Honeymoons," PR Newswire, December 9, 1997. AΡ 6 "WeatherPlanner Offers Weather Forecasting Service for Outdoor Enthusiasts; Weather AQ 6 Forecasts Now Available up to 12 Months in Advance," PR Newswire, March 6, 1998. "WeatherPlanner Tees Up Weather Forecasting Service for Golfers; Weather Forecasts Now AR 6 Available up to 12 Months in Advance," PR Newswire, May 5, 1998.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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INFORMATION DISCLOSURE STATEMENT

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April 12 2000	2163

U.S. PATENT DOCUMENTS EXAMINER INITIAL **DOCUMENT NUMBER** DATE NAME CLASS SUB-CLASS FILING DATE AA7 AB7 AC7 AD7 AE7 AF7 AG7 AH7 AI7 **FOREIGN PATENT DOCUMENTS EXAMINER** INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS | SUB-CLASS **TRANSLATION** AJ7 AK7 AL7 AM7 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) "Web WeatherPlanner Site for Weather Predictions," Newsbytes News Network, December ΑN <u>7</u> 12, 1997. Williams, Michael et al., "Natural Gas Trends," Railroad Commission of Texas Gas Services AO <u>7</u> Division Regulatory Analysis & Policy Section, July 28, 2003. ΑP 7 www.intellicast.com, Screen Print, July 4, 1998. AQ 7 wysiwyg://171/http://www.aquilaenergy.com/northamerica/about/. English Abstract of French Patent Publication No. 2 751 774, 1 page, data supplied from the AR 7 esp@cenet database. **EXAMINER** DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT ATTEMENT ATTEM

Page 8 of 9

ATTY. DOCKET NO.
1481.0170000

FIRST NAMED INVENTOR
Beck

FILING DATE
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09/547,791

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2163

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U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS FILING DATE 8AA AB8 AC8 AD8 AE8 AF8 AG8 AH8 AI8 FOREIGN PATENT DOCUMENTS EXAMINER COUNTRY INITIAL DOCUMENT NUMBER DATE CLASS SUB-CLASS **TRANSLATION** AJ8 AK8 AL8 8MA OTHER (Including Author, Title, Date, Pertinent Pages, etc.) English Abstract of Japanese Patent Publication No. 9-128411, 1 page, data supplied from AN 8 the esp@cenet database. English Abstract Page for Japanese Patent Publication No. 10096790, 1 page, data supplied AO 8 from the esp@cenet database. English Abstract Page for Japanese Patent Publication No. 10332840, 1 page, data supplied AΡ 8 from the esp@cenet database. English Abstract Page for Japanese Patent Publication No. 11258359, 1 page, data supplied AQ 8 from the esp@cenet database. Copy of International Search Report from PCT Appl. No. PCT/US93/11005, 5 pages, mailed AR 8 Jun. 27, 1994.

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